AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE	OF PAGES
	1	2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
0009	22 July 2003	W25PHS-3100-9014	

6. ISSUED BY	CODE	7. ADMINISTERED BY *(If other than Item 6)*	CODE
US Army Engineer District, Philadelphia Wanamaker Building, 100 Penn Square East, Philadelphia, Pennsylvania 19107-3390		Attn: Jennifer McGivern, 215-656-6773	

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*	(√)	9A. AMENDMENT OF SOLICITATION NO.
	X	DACW61-03-R-0022
		9B. DATED *(SEE ITEM 11)* May 8, 2003
		10A. MODIFICATION OF CONTRACTS/ORDER NO.
		10B. DATED *(SEE ITEM 13)*
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☒ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

20 Inch Cutterhead Suction Dredge

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(√)	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

THIS AMENDMENT DOES NOT EXTEND THE PROPOSAL DUE DATE OF 31 JULY 2003 AT 4:00 PM EST.

(continued on next page)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED

14. DESCRIPTION OF AMENDMENT (Con't)

a. SECTION C – DESCRIPTION/SPECIFICATION/STATEMENT OF WORK: Delete pages C-46 and C-84 in their entirety and substitute with revised pages annotated Amendment No. 0009 attached hereto.

b. Please indicate receipt of this amendment on Standard Form 33 (SOLICITATION, OFFER AND AWARD) as Amendment No. 0009. Failure to acknowledge all amendments may be cause for rejection of the offer.

SECTION SF 30 – BLOCK 14 CONTINUATION PAGE

INSTRUCTIONS FOR USING AMENDED PAGES

1. Pages provided by amendment are to be substituted into the original Request For Proposal (RFP) document. Where an existing page number is provided as part of the amendment, the amended page is to be inserted and the original page with the same number discarded. Where a new page is provided, such as C-XX-A, it is to be added to the RFP document. Pages not addressed by amendment remain unaffected.

2. The amended pages use a Redline/Strikeout technique to show changes from the last issue of the page and simplify the contractor's effort in locating the changes. The technique works as follows:

a. Text that is *added* appears as underlined, and is also indicated by margin revision marks. This text must be considered by the contractor in preparing a bid.

b. Text that is *deleted* appears as ~~strikeout, and is also indicated by margin revision marks.~~ Text so designated has been deleted and only appears to allow contractors to quickly determine "what has been deleted". This text should be disregarded by the contractor in preparing a bid.

c. Text that does not have the above appearance has *not* been altered.

d. In some cases, an alphabetical character has been added to a page number, to create a new page that allows room for a replacement page or "overflow" text.

INDEX OF CHANGES

PAGES	CHANGED BY	REV I.D. NO
INSTRUCTIONS/INDEX-1	Amendment 0009	22 July 2003
C-46	Amendment 0009	22 July 2003
C-84	Amendment 0009	22 July 2003

As a minimum, the following alarms shall be included in each panel:

- Engine overspeed.
- Low lube oil pressure.
- High jacket water temperature.
- Low gear oil pressure.

C. REDUCTION GEAR

The dredge pump shall be driven through a marine reduction gear having a minimum service factor of 1.5 for the rated hp of the engine. The gear shall be provided with the following:

- Dynamically balanced, surface hardened and precision ground, single or double helical gears on alloy steel shafts mounted on tapered roller bearings.
- Bearings with a 30,000 hour B-10 life (minimum).
- A rigid, welded, stress-relieved housing with bolted inspection plates and cleanout covers.
- Alloy steel forged gears.
- A complete lubrication system.

The gear shall be equipped with a motor driven jacking gear capable of rotating the entire dredge pump drive to enable dismantling of the pump impeller. Arrangement for locking the shaft shall also be provided. An interlock shall be provided so that dredge pump starter cannot be energized simultaneously when either the jacking gear or the shaft lock is engaged.

D. ALIGNMENT

The dredge pump drive system shall be aligned when the vessel is afloat at its operating draft. All alignment shall be performed in the presence of the COR or his designated representative and in accordance with the equipment manufacturer recommendations.

E. BOOSTER PUMP ENGINE

The booster pump shall be self-contained and mounted together with its reduction gear, fuel tank, and engine with radiator cooling on a skid for mounting on a remote barge or shore location. The booster pump and drive installation shall be as identical to the in-hull pump and drive as practicable. Monitoring and controls for the booster pump shall be via radio telemetry control so that the booster pump can be monitored and controlled from the dredge control
room.

C733 ELECTRICAL POWER PLANT

A. DIESEL GENERATOR SET REQUIREMENTS

The diesel generator set(s) shall be a 4 stroke-cycle marine type, meeting ABS requirements. The diesel generator(s) shall have a continuous rating at 0.8 power factor at 60 Hz ~~and 1800 rpm~~. The generator(s) shall be set up to supply 480 volt AC, 3-phase, 3-wire, ungrounded, 60 Hz electrical power.

Each generator supplied shall be equipped with an amortisseur winding and shall be capable of delivering 110 percent load for two hours without exceeding permissible limits of temperature rise. Each generator, along with its regulation and excitation systems shall be capable of supporting overload conditions as well as maintaining short circuit currents of such magnitude and duration as required to properly actuate selective tripping of downstream protective devices.

Each voltage regulator supplied shall be a solid-state volts-per-hertz voltage regulator and shall be capable of automatically maintaining constant rated generator voltage throughout the load range of the generator(s). Each voltage regulator supplied shall be capable of maintaining steady state regulation within 1 percent of rated voltage from no load condition to 110 percent rated load condition and shall include a voltage adjusting rheostat with a plus and minus 10 percent adjustment range.

The voltage dip on the generator(s) shall not exceed 25 percent while starting the largest motor on the vessel across-the-line with the main bus load at 30 percent capacity.